

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 01/03020

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01H G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 014 054 A (SCHENCK VIBRO GMBH) 28 June 2000 (2000-06-28)  page 3, line 20 -page 5, line 39 ---	1-4, 7-12, 16-18
A	US 5 402 521 A (KOSHIJIMA ICHIROU ET AL) 28 March 1995 (1995-03-28) abstract ---  -/-	5,6,13, 14

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*&\* document member of the same patent family

Date of the actual completion of the international search

26 September 2001

Date of mailing of the international search report

02/10/2001

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>LI X ET AL: "Fault prognosis for large rotating machinery using neural network"</p> <p>APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN ENGINEERING IX. PROCEEDINGS OF THE NINTH INTERNATIONAL CONFERENCE, PROCEEDINGS OF NINTH INTERNATIONAL CONFERENCE ON APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN ENGINEERING. AIENG 94, MALVERN, PA, USA, 19-21 J,</p> <p>pages 99-105, XP001028288</p> <p>1994, Southampton, UK, Comput. Mech. Publications, UK</p> <p>ISBN: 1-85312-284-X</p> <p>page 103, paragraph 1</p> <p>-----</p>	5,6,13, 14
A	<p>GB 2 277 151 A (UNIV BRUNEL)</p> <p>19 October 1994 (1994-10-19)</p> <p>page 1, last paragraph -page 2, last paragraph</p> <p>-----</p>	5,13

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/GB 01/03020

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 1014054	A 28-06-2000	DE EP	19860333 A1 1014054 A2	29-06-2000 28-06-2000
US 5402521	A 28-03-1995	JP	4211859 A	03-08-1992
GB 2277151	A 19-10-1994	NONE		